Name:

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Geometry, Period

Due Date: Mon, 4 Apr 2015

**Geometry**

**Homework**



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|  | 1. In right triangle CAT, angle T is 50 degrees. What is the tan A ?      * 1. 1.1917   2. 0.8391   3. 88.854   4. 88.567 | |
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| 1. You are buying a frozen yogurt cone. The yogurt store has three different types of cones, six different flavors, and eight kinds of toppings. Which expression should be used to quickly find how many types of yogurt cones you can buy?    1. 3 x 6 x 8    2. 3 + 6 + 8    3. 3 x 6 + 8    4. none of the above | | 1. Fill in the blanks in this sentence:  If you increase the lengths of the sides of a polygon by a factor of *r*, the perimeter will increase by a factor of \_\_\_\_\_ and the area will increase by a factor of \_\_\_\_\_.   **A.** *r*2; *r*3  **B.** *r*; *r*2  **C.** 2*r*; 3*r*  **D.** *r*; 2*r* |

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|  | 1. If cos A= .2419, which measure is closest to the measure of angle A?    1. 1 degree    2. 76 degrees    3. 14 degrees    4. 13 degrees |
| 1. Matthew is going to buy a car, either a Dodge or a Chevy. He is trying to decide whether to buy a minivan or a hatchback. How many choices does he have?    1. 2    2. 4    3. 6    4. 16 | |
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| 1. The two rectangles below are similar.   How long is side *B*?   * + 1. 9 in     2. 6.75 in     3. 6 in     4. 3.375 in | |